

March 18, 2013

Dr. Christopher Portier
Petition Administrator
Division of Health Assessment and Consultation
Agency for Toxic Substances and Disease Registry
4770 Buford Highway NE, (MS F-59),
Atlanta, GA 30341

To Whom It May Concern:

We are a group of households located in Mt. Pleasant Township, Washington County, PA that is extremely concerned about the potential health impacts of the Carter centralized wastewater impoundment located close to our homes. We are writing to request that the Agency for Toxic Substances and Disease Registry (ATSDR) perform a public health assessment and/or an exposure investigation in our community to determine the health effects and risks from exposure to the hazardous air and water pollutants released by this impoundment. The impoundment is owned and operated by Range Resources Corporation and is located between Fort Cherry Road and Walnut Road in McDonald, PA. Please see the attached map and photographs for a detailed description of the impoundment pits and residences surrounding this impoundment.

We request ATSDR to determine exposure levels and make the appropriate recommendations to regulatory agencies, industry and the community that is necessary to mitigate the harmful health effects of chemical exposures. We are advocating for Range Resources, the company that owns the impoundments, to use closed loop or pit-less drilling systems and closed containment systems to eliminate chemical exposures in our community. Depending on the results of the analysis, we encourage ATSDR to specifically recommend that Range Resources use these technologies to better protect public health.

Based on preliminary evidence of air emissions and health results, we believe that our health is being negatively impacted. We are particularly concerned about exposure to volatile organic compound (VOCs), sulfur compounds, and any other potentially harmful pollutants emitted from these facilities. We already have data available that would be useful for ATSDR to use in evaluating health exposures. For instance, multiple residents living close to the impoundment had their blood and urine analyzed and were told by doctors that they had chronic exposure to Volatile Organic Compounds (VOCs). Please refer to the health documents we sent you for more information. Some doctors advised families to consider moving away from the impoundment as the levels were high enough to cause concern. An individual from one household with over 30 years of experience in the industry sampled air quality from locations close to impoundment, and has possession of data showing high levels of some harmful pollutants. For instance, total VOCs reached 600 ppb in a matter of 15 minutes at one household. In addition, Duquesne University and Yale University researchers have ground water and surface water samples from properties surrounding the site.

We believe that the main pathway of exposure for residents is through breathing in pollutants that evaporate or degrade from the chemicals contained in the impoundment, or are released to the environment and then volatilized into the community's air. We know of a number of households that are potentially affected, many of

Again, we are particularly concerned about living in close proximity to the Carter centralized wastewater impoundment and request an expedited review of our situation and appropriate action to protect our health. Thank you for your time and consideration.

[illegible]

Name (Print)	Address	No. in Home	Signature

Organizations that Support this Petition

Joseph Otis Minott, Esq.
 Executive Director
 Clean Air Council
 135 South 19th Street, Suite 300
 Philadelphia, PA 19103

Deborah Goldberg
 Managing Attorney
 Earthjustice
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 New York, NY 10038-5326

Bruce Baizel, Director
 Earthworks' Oil & Gas Accountability Project

Erika Staaf
 Clean Water Advocate
 PennEnvironment

Attachments:

Map of Carter Impoundment and surrounding area

Photographs of Carter Impoundment

Cc:

Shawn M. Garvin
Regional Administrator
US EPA Region 3
1650 Arch Street
Philadelphia, PA 19103

Diana Esher, Air Protection Division Director
US EPA Region 3
1650 Arch Street
Philadelphia, PA 19103

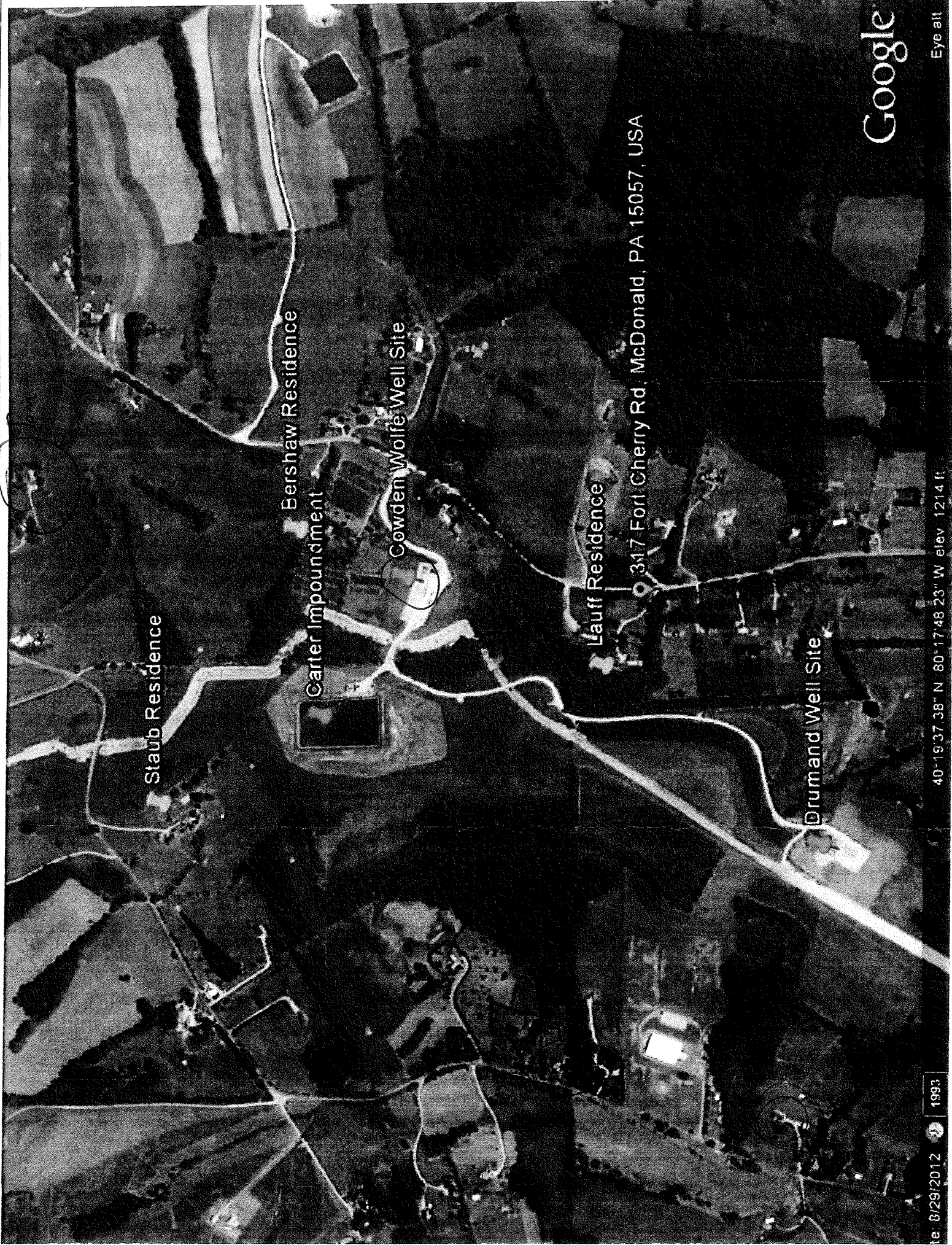
Secretary Michael Krancer
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
400 Market Street
Harrisburg, PA 17101

Joyce E. Epps, Esquire
Director, Bureau of Air Quality
Department of Environmental Protection
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Lora Werner, Sr. Regional Representative
Agency for Toxic Substances and Disease Registry (ATSDR), Region 3
Department of Health and Human Services
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Robert H. Helverson, Regional Representative
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Joanne Corte Grossi, MIPP, Regional Director
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Google

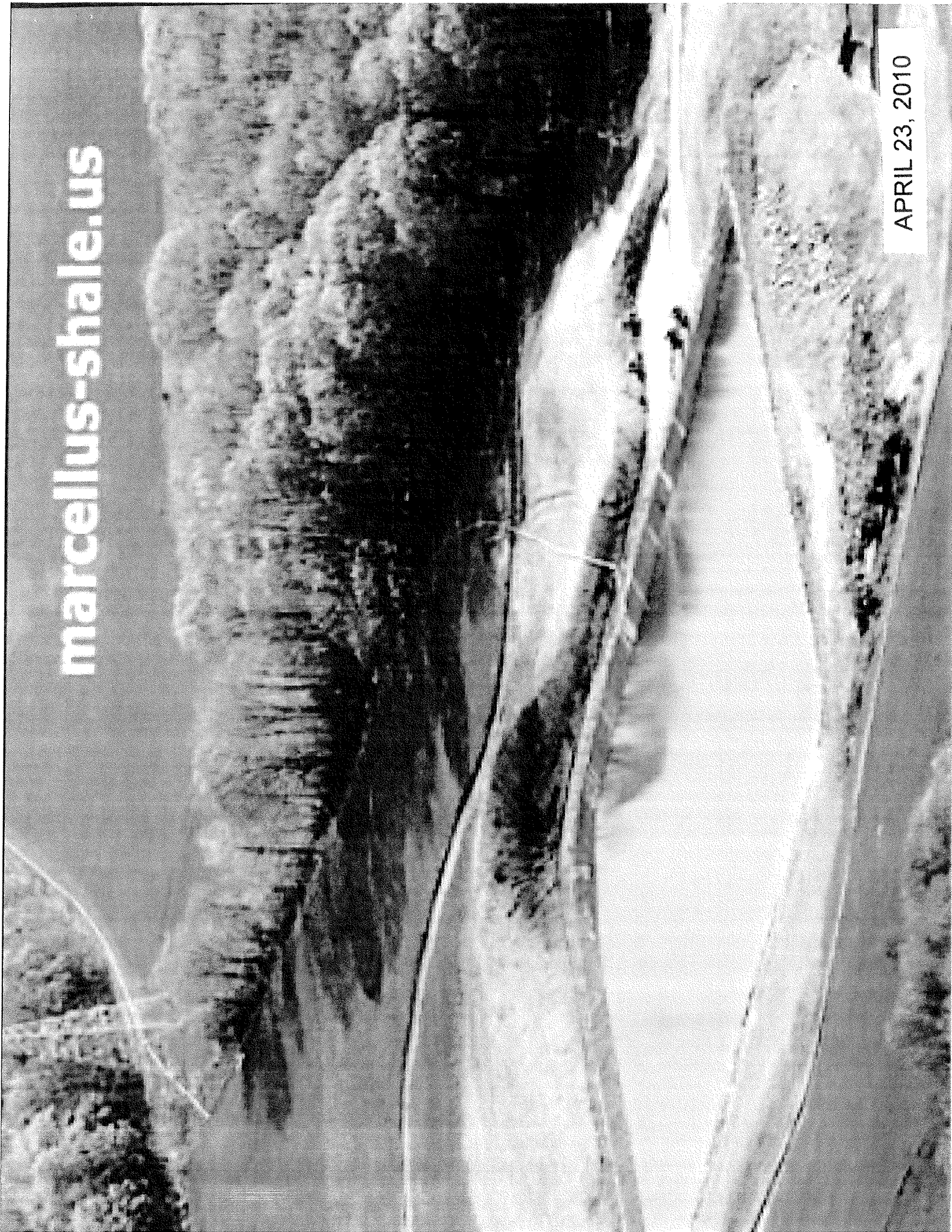
Eye alt

40°19'37.38" N 80°17'48.23" W elev. 1214 ft

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marcellus-shale.us

APRIL 23, 2010



DECEMBER 10, 2011



Carter Impoundment



July 29th, 2012

Carter Impoundment



July 29th, 2012